

**DIGITAL SOLUTIONS**

# **AUGE Progress Update**

**August 2018**

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**31 August 2018**

## Progress Summary

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- Overall Status – ON TARGET
  - Introductory Meeting with AUG TWG – 10 Aug 2018
  - Data Request Status published on JoT
  - Prioritised Issues List published on JoT
  - Data Provision & Analysis ongoing
  
- Risks
  - Data from TRAS may not be available in time

## Analysis Progress Update

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- Theft Analysis (Issue 8)
  - Logic for mapping Meter Serial Number to meter type provided to Xoserve to help improve Smart meter identification
  - Data request discussed at TIG (Theft Issues Group) – 21 Aug
  - Legal advice being sought by Electralink
  - Data request document to be updated to address the following
    - How will costs be met?
    - How will reconciliation results be used?
- Theft from Product Class 2 (Issue 14)
  - Nothing to Report
- Improved Replacement Values for Consumption (Issue 21)
  - Analysis of alternatives ongoing

## Analysis Progress Update

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- Volume to Energy Conversion (Issues 25-30)
  - Literature search ongoing and a number of useful documents identified
  - Initial sensitivity work shows that temperature can have a significant impact on volume conversion (0.35% per degC) and therefore UIG
    - Incorrect assumptions in volume conversion will also affect NDM algorithm (energy consumption of sample sites used in factor calculation) and AQ calculation
  - Additional data requested for more detailed analysis
    - Actual temperatures
    - Seasonal Normal Temperatures
    - Details of converters fitted
    - Elevation data

## Analysis Progress Update

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- Volume to Energy Conversion (cont...)
  - Issues being considered
    - How much the gas temperature changes from ground temperature to that at the point of metering
      - Whether this is affected by plastic vs metal service pipes
      - Internal vs external location (i.e. use of internal building temperatures vs external air temperature or ground temperature)
    - Time of day gas is consumed and associated gas temperature at time of metering
  - Aim is to identify the potential range of the impact of these issues on consumption
  - Estimate the most likely scenario and subsequent impact on the methodology

## New Issues

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- 2 new issues added to log
  - Isolated supply points which are still consuming (incrementing meter reads)
  - Discrepancies between converted and unconverted meter reads

## Plan for September

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- Continue to support TRAS data request
- Complete analysis of improved replacement values in consumption calculation and document impact
- Complete initial sensitivity of consumption to elevation and temperature
- Assess & Prioritise new issues
- Prepare and publish presentation for Early Engagement Meeting – 12 Oct

## Industry Input

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- The AUGÉ would appreciate input from the industry in the following areas
  - Guidance on regulator pressures for larger sites. Can an assumed set pressure be used by EUC?
  - Data on proportion of meters which are located internally



# Thank you

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